Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
Data File : BG057214.D
Acq On : 28 Apr 2023 11:58
Operator : CG/JU
Sample : SSTD02082
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 28 23:01:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 28 14:45:43 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020430

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.378	152	15490	20.000	ng/ul	0.00
20) Naphthalene-d8	11.215	136	69138	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.986	164	54228	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.730	188	136281	20.000	ng/ul	0.00
79) Chrysene-d12	22.036	240	124054	20.000	ng/ul	0.00
88) Perylene-d12	25.549	264	129285	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.661	96	3063	8.702	ng/uL	0.00
4) Pyridine-d5	4.101	84	22642	20.403	ng/ul	0.00
7) Phenol-d5	7.514	99	30506	20.825	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.679	67	18745	21.756	ng/ul	0.00
11) 2-Chlorophenol-d4	7.902	132	20938	21.689	ng/ul	0.00
15) 4-Methylphenol-d8	9.077	113	23513	21.119	ng/ul	0.00
21) Nitrobenzene-d5	9.553	128	11954	21.711	ng/ul	0.00
24) 2-Nitrophenol-d4	10.281	143	13785	21.453	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.827	165	27484	22.170	ng/ul	0.00
31) 4-Chloroaniline-d4	11.338	131	35569	21.648	ng/ul	0.00
46) Dimethylphthalate-d6	14.376	166	91381	21.267	ng/ul	0.00
49) Acenaphthylene-d8	14.687	160	102362	21.196	ng/ul	0.00
54) 4-Nitrophenol-d4	15.169	143	13001	20.950	ng/ul	0.00
60) Fluorene-d10	15.973	176	85231	21.293	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.085	200	16564	20.514	ng/ul	0.00
73) Anthracene-d10	17.824	188	135184	21.732	ng/ul	0.00
81) Pyrene-d10	20.091	212	158741	21.558	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.296	264	142066	21.569	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.696	88	3320	8.894	ng/uL	100
5) Pyridine	4.119	79	25242	21.578	ng/ul	100
6) Benzaldehyde	7.502	77	8699	19.443	ng/ul	100
8) Phenol	7.538	94	31053	21.032	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.773	93	24284	21.976	ng/ul	100
12) 2-Chlorophenol	7.937	128	22742	22.428	ng/ul	100
13) 2-Methylphenol	8.812	108	24191	21.141	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.901	45	32153	22.535	ng/ul	100
16) Acetophenone	9.206	105	42775	22.327	ng/ul	100
17) N-Nitroso-di-n-propyla...	9.177	70	24415	22.176	ng/ul	100
18) 4-Methylphenol	9.136	108	26668	21.531	ng/ul	100
19) Hexachloroethane	9.476	117	9218	21.728	ng/ul	100
22) Nitrobenzene	9.600	77	34967	21.327	ng/ul	100
23) Isophorone	10.117	82	67704	21.704	ng/ul	100
25) 2-Nitrophenol	10.316	139	13751	21.128	ng/ul	100
26) 2,4-Dimethylphenol	10.357	107	31895	21.603	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.587	93	34434	21.236	ng/ul	100
29) 2,4-Dichlorophenol	10.857	162	26101	22.182	ng/ul	100
30) Naphthalene	11.268	128	81730	21.530	ng/ul	100
32) 4-Chloroaniline	11.368	127	37535	21.925	ng/ul	100
33) Hexachlorobutadiene	11.538	225	21488	21.530	ng/ul	100
34) Caprolactam	12.114	113	8619	21.849	ng/ul	100
35) 4-Chloro-3-methylphenol	12.460	107	29496	21.786	ng/ul	100
36) 2-Methylnaphthalene	12.842	142	59700	21.445	ng/ul	100

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37) 1-Methylnaphthalene	13.060	142	61087	21.823	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	13.201	216	42090	21.358	ng/ul	100
40) Hexachlorocyclopentadiene	13.177	237	17974	18.277	ng/ul	100
41) 2,4,6-Trichlorophenol	13.436	196	24987	21.771	ng/ul	100
42) 2,4,5-Trichlorophenol	13.512	196	26193	21.256	ng/ul	100
43) 1,1'-Biphenyl	13.829	154	89618	21.658	ng/ul	100
44) 2-Chloronaphthalene	13.876	162	68582	21.376	ng/ul	100
45) 2-Nitroaniline	14.070	65	20876	21.554	ng/ul	100
47) Dimethylphthalate	14.422	163	93054	21.565	ng/ul	100
48) 2,6-Dinitrotoluene	14.552	165	18986	21.381	ng/ul	100
50) Acenaphthylene	14.716	152	104744	21.343	ng/ul	100
51) 3-Nitroaniline	14.887	138	12742	20.251	ng/ul	100
52) Acenaphthene	15.051	153	75716	21.654	ng/ul	100
53) 2,4-Dinitrophenol	15.092	184	9101	19.245	ng/ul	100
55) 4-Nitrophenol	15.186	109	14416	20.332	ng/ul	100
56) Dibenzofuran	15.386	168	108992	21.585	ng/ul	100
57) 2,4-Dinitrotoluene	15.339	165	27344	21.510	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.609	232	24882	22.222	ng/ul	100
59) Diethylphthalate	15.768	149	95228	21.722	ng/ul	100
61) Fluorene	16.032	166	92192	21.592	ng/ul	100
62) 4-Chlorophenyl-phenyle...	16.009	204	52793	21.184	ng/ul	100
63) 4-Nitroaniline	16.044	138	12014	20.163	ng/ul	100
66) 4,6-Dinitro-2-methylph...	16.097	198	17082	20.761	ng/ul	100
67) N-Nitrosodiphenylamine	16.220	169	77601	21.798	ng/ul	100
68) 4-Bromophenyl-phenylether	16.901	248	34938	21.449	ng/ul	100
69) Hexachlorobenzene	17.037	284	37123	21.643	ng/ul	100
70) Atrazine	17.154	200	34924	22.073	ng/ul	100
71) Pentachlorophenol	17.377	266	15400m	19.639	ng/ul	
72) Phenanthrene	17.771	178	153185	21.585	ng/ul	100
74) Anthracene	17.859	178	155430	21.803	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.800	216	44503	21.711	ng/uL	100
76) Pentachlorobenzene	15.304	250	44946	21.542	ng/uL	100
77) Carbazole	18.123	167	131247	22.031	ng/ul	100
78) Di-n-butylphthalate	18.646	149	148757	21.836	ng/ul	100
80) Fluoranthene	19.756	202	190054	21.728	ng/ul	100
82) Pyrene	20.121	202	192606	21.752	ng/ul	100
83) Butylbenzylphthalate	20.972	149	59897	21.122	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.912	252	60516	21.965	ng/ul	100
85) Benzo(a)anthracene	22.012	228	188749	21.513	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.865	149	87655	21.253	ng/ul	100
87) Chrysene	22.089	228	177990	21.502	ng/ul	100
89) Di-n-octyl phthalate	23.164	149	150195	21.038	ng/ul	100
90) Benzo(b)fluoranthene	24.421	252	193017	21.559	ng/ul	100
91) Benzo(k)fluoranthene	24.491	252	188043	21.589	ng/ul	100
93) Benzo(a)pyrene	25.378	252	166255	21.510	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	29.590	276	206545	21.375	ng/ul	100
95) Dibenzo(a,h)anthracene	29.661	278	173768	21.690	ng/ul	100
96) Benzo(g,h,i)perylene	30.859	276	167803	21.460	ng/ul	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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